

Project Start for QSFP56

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Project supporters

- Jeff Maki: Juniper
- Vera Koleva: II-VI
- Tom Palkert: Samtec
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Project overview

- Incorporate all updates from QSFP-DD specification
- Incorporate all updates needed to support CMIS (Common Management Interface Specification)
- Add Cabled option as informative appendix
- Reference QSFP28 for all connector, cage, Type 1 module mechanicals and drawings
- Add informative appendix for improved thermals

Details:

- Updates from QSFP-DD
 - Improved Thermals
 - High power module table
 - Surface roughness, flatness specs for high power modules
 - Updated power supply decoupling, ramp, noise sections
 - Add Type 2 and Type 2A module types to support higher power modules
- Updates to support CMIS
 - New timing for low speed signals and management interface
 - New functional description for LPMode

Anticipated timeline

- Initial draft: Mar 2021
- 1st Review: May 2021
- Final spec: July 2021